

Supporting Information

Colloidal Stable Quantum Dots Modified by Dual Functional Group Polymer for Inkjet Printing

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Supporting Information 1

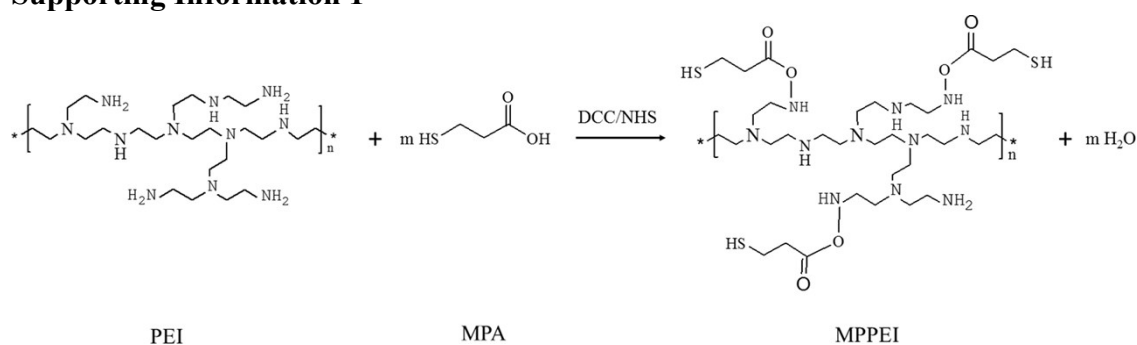


Fig. S1. Reaction equation between MPA and PEI.

Supporting Information 2

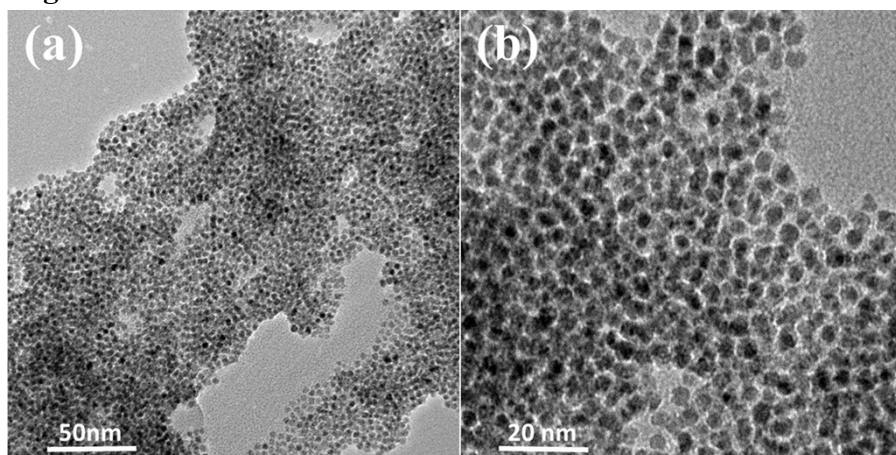


Fig. S2. TEM images of QDs/MPPEI in water with the concentration of 0.1 mg/ml. The scale bars in a and b are 50 and 20 nm, respectively.

Supporting Information 3

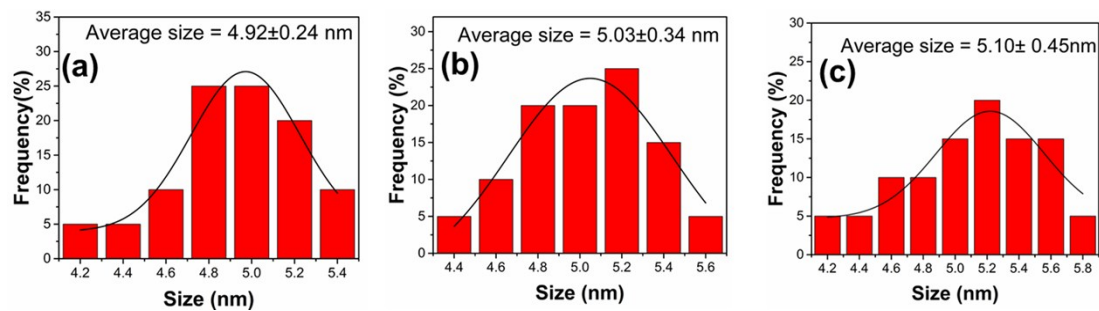


Fig. S3. (a) The size distributions of QDs dispersed in n-hexane, (b) and (c) QDs/MPPEI dispersed in distilled water with concentration of 0.05 mg/ml and 0.1 mg/ml.

Supporting Information 4

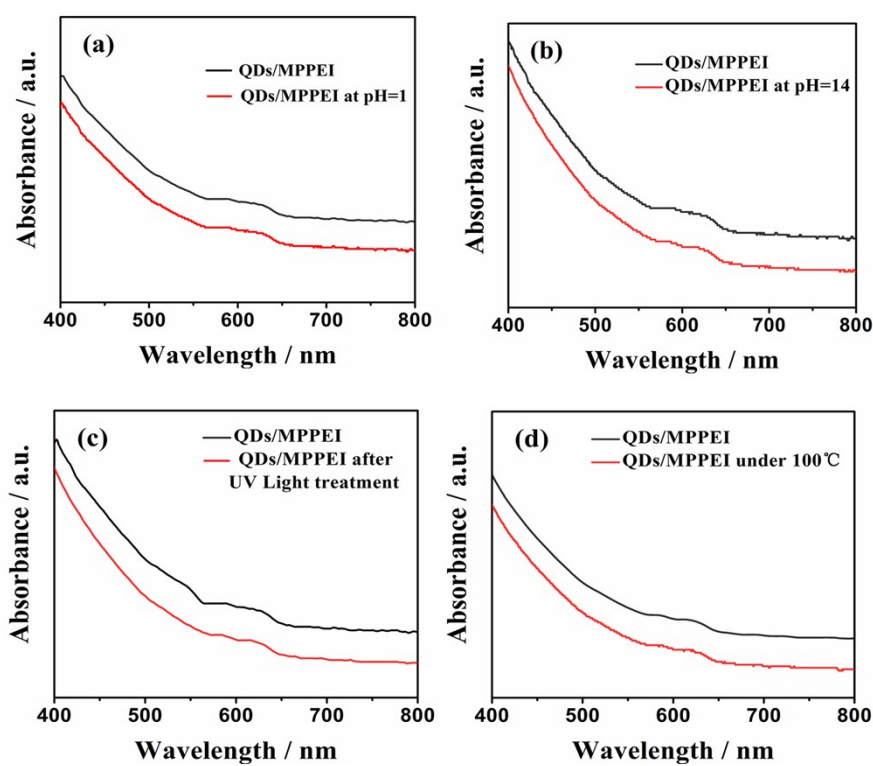


Fig. S4. UV-vis spectra of QDs/MPPEI before and after 100-min treatment by (a) strong acid, (b) strong base, (c) UV light and (d) high temperature.